

TMDC-05001900-20S5 5-19 GHz, 20dB, 5W, SMA Female

FEATURES

- ❖ Wide Band Operation 5-19GHz
- ❖ Power Handle Capability up to 5W
- ❖ 20 dB Typical Coupling
- ❖ Low Insertion Loss

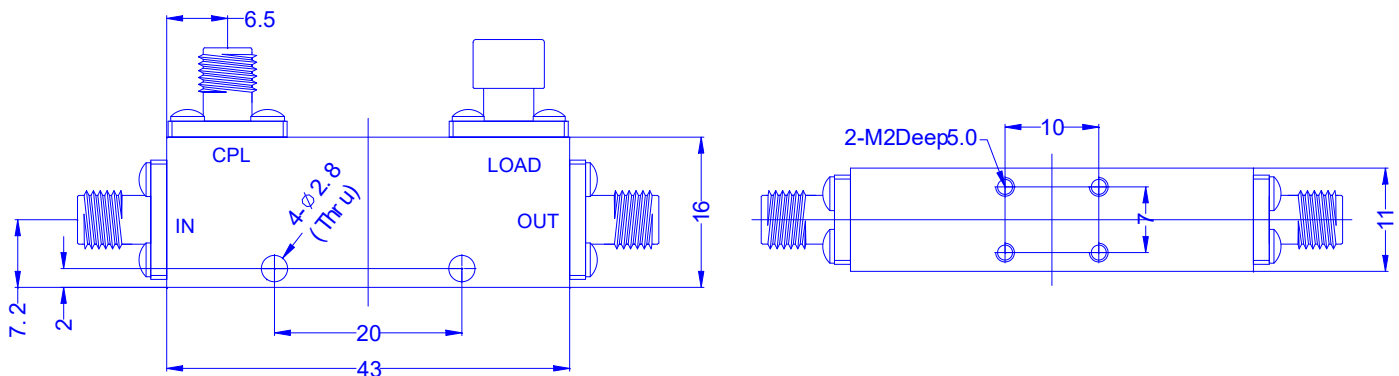
APPLICATIONS

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	5	-	19	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	18.5	20	21.5	dB
Directivity(5-15GHz)	12	-	-	dB
Directivity(15-19GHz)	10	-	-	dB
Insertion Loss(Excluding coupling loss)	-	-	1.0	dB
Insertion Loss(True)	-	-	-	dB
VSWR Primary	-	1.3	1.6	:1
VSWR Secondary	-	1.35	1.6	:1
Average Power	5			W
Peak Power	-			W
Operating Temperature	-40°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	SMA female			
Weight	30g			
Surface Finishing	Black Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]